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front → front sliding surface

CLAIMS

1. (currently amended) Arrangement at a plug for sealing liquid- or gas-carrying pipes, comprising several slips (15) arranged peripherally on the plug, so as to allow them to be pushed up along a conical force ring (25) by means of a hydraulic cylinder (5), *at least one* characterized in that the slips (15) are provided with *a possibly divided* sliding surface (19, 19') (21, 21') and at least one *possibly divided* sliding surface (20, 23) *from (20, 23)* having an angle that differs from the angle of the sliding surface (19, 19') relative to a longitudinal axis of the plug that differs from the angle of the sliding surface (21, 21') relative to the same axis, where the slips (15) are arranged to engage an inner surface of the pipe in a gripping position while in abutment against an angled surface of the force ring (25) which is not parallel with the longitudinal axis of the plug.

2. (currently amended) An arrangement in accordance with claim 1, characterized in that the conical force ring (25) is equipped with *at least one* a possibly divided sliding surface (29, 29') and at least one *possibly divided* sliding surface (29, 29') and at least one possibly divided sliding surface (27, 31) having an angle that differs from the angle of the sliding surface (29, 29') *from (27, 31)* having an angle relative to the longitudinal axis of the plug that differs from the angle of the sliding surface (29, 29') relative to the same axis.

3. (currently amended) An arrangement in accordance with one or more of the preceding claims claim 2, characterized in that the first part of the sliding surfaces (20, 23, 27, 31) has a steep gradient and that the second part of the sliding surfaces (21, 21', 29, 29') has a small gradient relative to the longitudinal axis of the plug the front (20, 23, 27, 31) have a steep gradient relative to the longitudinal axis of the plug and that the sliding surfaces (21, 21', 29, 29') have a small gradient relative to same axis. *sliding surfaces*

4. (currently amended) An arrangement in accordance with one or more of the preceding claims claim 2 or 3, characterized in that the sliding surfaces (20, 21, 21', 23) of the slips (15) have a shape that in a given position of the slips (15) corresponds to the sliding surfaces (27, 29, 29', 31) of the conical force ring (25) the front and sliding surfaces *sliding surface*

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sliding surface

(20, 21, 21', 23) of the slips (15) have a shape that in a given position of the slips (15) corresponds to the front and sliding surfaces (27, 29, 29', 31) of the conical force ring (25).

5. (currently amended) An arrangement in accordance with ~~one or more of the preceding~~ *the* ~~claims claim 1,~~ *sliding surface* characterized in that the slips (15) comprise ~~a~~ *the* slip front (20) ~~extending in parallel with a slip end (16) as well as and the sliding surfaces (21, 21') that are divided by a slip recess (22) that extends in parallel with the a radial direction similar to the slip front (20), where the side that faces the same way as the slip front (20) forms a step front (23) with the same direction as the slip front (20).~~

*sliding surface**sliding surface*

6. (currently amended) An arrangement in accordance with ~~one or more of the preceding~~ *the* ~~claims claim 2,~~ *sliding surface* characterized in that the surface of the conical force ring (25) comprises ~~a~~ *the* force ring front (27) and ~~a~~ *the* sliding surface (29, 29') that is divided by a force ring recess (30) ~~extending in parallel with a radial direction similar to the force ring front (27), where the side that faces the same way as the force ring front (27) forms a step front (31) with the same direction as the force ring front (27).~~

*sliding surface**sliding surface**sliding surface**sliding surface*